Model Performance

Model	Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.81	0.55	0.81	0.54	0.71	0.61

Model Results

Predicted value: 29.8 L/kg

Global applicability domain: Outside

Local applicability domain index: 2.14e-01

Confidence level: 5.79e-01

Nearest Neighbors from the Training Set

Image not found
Nicosulfuron
Measured: 30.2
Predicted: 53.4

Image not found
Imazapyr
Measured: 100
Predicted: 65.8

Image not found
Imazethapyr
Measured: 7.08
Predicted: 77.7

Image not found
Imazaquin
Measured: 20.0
Predicted: 50.5

Image not found
Tribenuron-methyl
Measured: 52.5
Predicted: 48.5